

(i) All dimensions and seam allowances must be within tolerances prescribed in the approved plans and specifications.

(ii) The torque of each screw type mechanical fastener must be within its tolerance as prescribed in the approved plans and specifications.

(iii) The arrangement, markings, and workmanship must be as specified in the approved plans and specifications and this subpart.

(iv) The PFD must not contain any apparent defects.

(8) *Waterproof Marking Test.* Each sample must be completely submerged in fresh water for at least 30 minutes. The sample must then be removed, immediately placed on a hard surface, and the markings vigorously rubbed with the fingers for 15 seconds. If the printing becomes illegible, the sample must be rejected.

(d) *Final lot examination and inspection*—(1) *General.* On each PFD lot that passes production testing, the manufacturer shall perform a final lot examination and, on every fifth lot, a laboratory inspector shall perform a final lot inspection. Samples must be selected in accordance with paragraph §160.076-29(e). Each final lot must demonstrate—

(i) First quality workmanship;

(ii) That the general arrangement and attachment of all components, such as body straps, closures, inflation mechanisms, tie tapes, and drawstrings, are as specified in the approved plans and specifications;

(iii) Compliance with the marking requirements in §160.076-39; and

(iv) That the information pamphlet and owner's manual required by §160.076-35 and 160.076-37, respectively, are securely attached to the device, with the pamphlet selection information visible and accessible prior to purchase.

(2) *Accept/reject criteria.* Each nonconforming PFD must be rejected. If three or more nonconforming PFDs are rejected for the same kind of defect, lot examination or inspection must be discontinued and the lot rejected.

(3) *Manufacturer examination.* This examination must be conducted by a manufacturer's representative who is familiar with the approved plans and

specifications, the functioning of the PFD and its components, and the production testing procedures. This person must not be responsible for meeting production schedules or be supervised by someone who is. This person must prepare and sign the record required by 159.007-13(a) of this chapter and 160.076-33(b).

(4) *Independent laboratory inspection.*

(i) The inspector must discontinue lot inspection and reject the lot if examination of individual PFDs or the records for the lot shows noncompliance with either this section or the laboratory's or the manufacturer's quality control procedures.

(ii) If the inspector rejects a lot, the inspector must advise the Commandant or the recognized laboratory within 15 days.

(iii) The inspector must prepare and sign the inspection record required by 159.007-13(a) of this chapter and 160.076-33(b). If the lot passes, the record must include the inspector's certification that the lot passed inspection and that no evidence of noncompliance with this section was observed.

(e) *Disposition of rejected PFD lot or PFD.* (1) A rejected PFD lot may be resubmitted for testing, examination or inspection if the manufacturer first removes and destroys each defective PFD or, if authorized by the Commandant, reworks the lot to correct the defect.

(2) Any PFD rejected in a final lot examination or inspection may be resubmitted for examination or inspection if all defects have been corrected and reexamination or reinspection is authorized by the Commandant.

(3) A rejected lot or rejected PFD may not be sold or offered for sale under the representation that it meets this subpart or that it is Coast Guard-approved.

[CGD 94-110, 60 FR 32848, June 23, 1995, as amended by CGD 94-110, 61 FR 13946, Mar. 28, 1996]

§ 160.076-33 Manufacturer records.

(a) Each manufacturer of inflatable PFDs shall keep the records of production inspections and tests as required by §159.007-13 of this chapter, except that they must be retained for at least 120 months after the month in which the inspection or test was conducted.

(b) In addition to the information required by §159.007–13 of this chapter, the manufacturer's records must also include the following information:

(1) For each test, the serial number of the test instrument used if more than one test instrument was available.

(2) For each test and inspection, the identification of the samples used, the lot number, the approval number, and the number of PFDs in the lot.

(3) For each lot rejected, the cause for rejection, any corrective action taken, and the final disposition of the lot.

(4) For all materials used in production the—

- (i) Name and address of the supplier;
- (ii) Date of purchase and receipt;
- (iii) Lot number; and

(iv) Where required by §164.019–5 of this chapter, the certification received with standard components.

(5) A copy of this subpart.

(6) Each document incorporated by reference in §160.076–11.

(7) A copy of the approved plans and specifications.

(8) The approval certificate obtained in accordance with §2.75–1 and 2.75–5 of this chapter.

(9) Certificates evidencing calibration of test equipment, including the identity of the agency performing the calibration, date of calibration, and results.

(c) A description or photographs of procedures and equipment used in testing required by §159.007–13(a)(4) of this chapter, is not required if the manufacturer's procedures and equipment meet the requirements of this subpart.

(d) The records required by paragraph (b)(4) of this section must be kept for at least 120 months after preparation. All other records required by paragraph (b) of this section must be kept for at least 60 months after the PFD approval expires or is terminated.

§ 160.076–35 Information pamphlet.

A pamphlet that is consistent in format to that specified in UL 1123 must be attached to each inflatable PFD sold or offered for sale in such a way that a prospective purchaser can read the pamphlet prior to purchase. The pamphlet text and layout must be sub-

mitted to the Commandant for approval. The text must be printed in each pamphlet exactly as approved by the Commandant. Additional information, instructions, or illustrations must not be included within the approved text and layout. Sample pamphlet text and layout may be obtained by contacting the Commandant. This pamphlet may be combined with the manual required by §160.076–37 if PFD selection and warning information is provided on the PFD packaging in such a way that it remains visible until purchase.

§ 160.076–37 Owner's manual.

(a) *General.* The manufacturer must provide an owner's manual with each inflatable PFD sold or offered for sale. A draft of the manual for each model must be submitted for approval in accordance with §160.076–13.

(b) *Manual contents.* Each owner's manual must contain the information specified in section 11 of UL 1180, and, if the PFD is conditionally approved, an explanation of the meaning of, and reasons for, the approval conditions.

[CGD 94–110, 60 FR 32848, June 23, 1995, as amended by CGD 94–110, 61 FR 13947, Mar. 28, 1996]

§ 160.076–39 Marking.

(a) *General.* Each inflatable PFD must be marked as specified in UL 1180 section 10 and this section.

(b) PFD Type. Based on its approval certificate, each PFD must be marked as follows—

- (1) “Type I PFD”;
- (2) “Type II PFD”;
- (3) “Type III PFD”; or

(4) “Type V [insert exact text of description noted on the approval certificate, if any] PFD—[insert text required by paragraph (c) of this section]. This PFD provides in-water performance equivalent to a Type [insert performance type criteria noted on the approval certificate] PFD.”

(c) A Type V, conditionally approved, inflatable PFD must be marked with the approval conditions specified on the approval certificate.

(d) *Additional markings.* (1) Unless otherwise noted on the approval certificate, each inflatable PFD must be marked with the following: